MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER 1922

J. A. BROWN, DIRECTOR

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Weather Bureau

PRINTED AT THE UNIVERSITY PRESS

OCTOBER 1922

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	759.1	755.3	757.5	757.3	28.3	22.3			
2	8.0	7.6	8.5	8.0	29.3	22.9			
3	9.0	8.7	9.3	9.0	28.7	22.9			
4	9.6	60.0	60.6	60.1	28.8	22.3			
5	60.0	0.5	1.8	0.8	26.1	22.3	—	—	2.15
6	2.5	1.3	1.8	1.9	26.1	19.1			
7	0.9	59.5	0.0	0.1	28.1	21.1			
8	1.4	61.4	1.3	1.4	27.4	22.6			
9	1.1	0.8	1.3	1.1	26.8	21.9			0.37
10	2.5	2.2	2.4	2.4	26.1	19.6	—	—	—
11	2.5	2.5	2.8	2.6	26.6	20.6			
12	3.2	2.4	2.7	2.8	27.3	22.2			
13	2.2	1.1	1.4	1.6	27.7	21.1			
14	1.8	1.2	1.2	1.4	26.8	20.7			
15	1.9	0.7	0.7	1.1	26.2	22 7	—	—	—
16	0.6	58.5	59.8	59.6	26.6	22.6			
17	59.6	8.6	9.1	9.1	27.7	22.2			
18	60.8	61.0	61.5	61.1	27.7	21.7			
19	2.8	2.4	2.8	2.7	27.1	21.1			
20	2.3	0.9	0.1	1.1	25.5	18.9	—	—	—
21	57.8	56.7	57.9	57.5	27.8	19.1			
22	60.3	60.3	60.7	60.4	26.6	22.7			
23	2.4	0.8	2.7	2.0	26.3	20.2			
24	3.2	2.1	2.1	2.5	25.6	20.6			
25	1.0	1.1	1.3	1.1	26.7	21.1	—	—	—
26	2.9	2.0	2.4	2.4	26.5	21.5			
27	2.3	0.9	0.4	1.2	27.9	21.9			
28	58.0	57.7	59.4	58.4	37.0	24.6			
29	61.1	61.2	61.2	61.2	26.7	23.1			
30	2.3	4.3	2.4	3.0	25.6	21.2			
31	3.5	2.7	2.9	3.0	25.0	20.1			
	761.2	760.5	761.0	760.9	27.30	21.50			2.52

BAROMETER

Maximum 764.3 on 30th

Minimum 755.3 on 1st

THERMOMETER

Maximum 37.0 on 28th

Minimum 18.9 on 20th

Minimum on grass on

RAINFALL

Maximum 2.15 mm. on 5th

Number of days with rain 2 thunderstorms 1 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	26.1	27.8	26.6	26.8	22.1	23.3	24.1	16.6	17.7	20.3	18.2	65	64	78	69
2	25.7	28.8	24.9	26.8	24.1	24.9	23.4	20.0	20.2	20.2	20.1	76	69	86	77
3	26.6	28.1	24.7	26.5	23.8	24.5	23.8	19.5	19.8	21.1	20.1	75	70	90	78
4	25.7	28.1	24.8	26.2	22.8	22.9	21.4	18.3	16.8	16.1	17.1	74	59	66	66
5	25.1	25.4	21.8	24.3	19.9	18.3	16.6	13.3	12.0	10.0	11.8	53	50	56	53
6	24.4	25.7	22.2	24.1	18.2	19.4	17.1	11.8	13.1	11.3	12.1	51	55	56	54
7	25.2	27.4	21.9	24.8	19.6	21.5	16.5	13.2	14.9	10.7	12.9	56	54	55	55
8	26.0	27.1	24.8	26.0	22.0	23.1	19.5	16.6	17.8	13.3	15.9	66	67	57	63
9	24.1	26.6	21.4	24.0	19.4	19.2	17.6	13.6	12.0	12.4	12.7	61	46	66	58
10	24.1	25.9	23.1	24.4	18.6	19.1	18.9	12.4	12.3	13.4	12.7	54	49	64	56
11	24.9	26.0	24.4	25.1	20.0	20.9	20.4	14.0	14.9	14.9	14.6	60	60	66	62
12	25.2	25.9	24.7	25.3	20.3	21.0	19.6	14.3	15.0	13.5	14.3	59	60	58	59
13	24.6	27.0	22.6	24.7	20.2	20.3	18.7	14.6	13.4	13.4	13.8	64	50	66	60
14	24.3	26.2	24.3	24.9	18.2	20.9	20.9	11.9	14.8	15.9	14.2	52	58	71	60
15	24.6	25.8	24.7	25.0	19.8	21.8	22.1	13.9	16.4	17.6	16.0	61	66	76	68
16	25.3	26.2	24.6	25.4	21.2	22.4	16.4	16.3	17.1	19.3	17.7	69	66	41	59
17	25.1	27.3	24.7	25.7	21.7	21.1	21.2	16.7	14.3	16.2	15.7	71	53	70	65
18	25.3	27.6	22.7	25.2	22.1	23.0	21.2	17.3	17.3	17.4	17.3	72	63	85	73
19	24.6	26.2	22.7	24.5	21.4	21.1	18.8	16.6	15.0	13.6	15.1	72	58	67	64
20	23.2	25.1	20.6	23.0	17.9	19.3	17.6	12.1	13.0	13.9	13.0	57	55	72	61
21	24.4	26.1	23.1	24.5	16.6	21.9	21.9	9.8	16.4	18.1	14.8	42	65	82	63
22	25.0	26.3	24.2	25.2	18.9	19.1	21.2	13.0	12.1	16.4	13.8	55	47	73	58
23	23.9	25.4	22.2	23.8	19.3	20.1	19.3	13.5	13.8	15.4	14.2	61	57	78	65
24	24.0	25.2	23.8	24.3	19.8	21.1	21.2	14.3	15.5	16.7	15.5	64	65	76	68
25	25.2	26.2	23.9	25.1	21.3	24.0	22.1	16.0	20.3	18.3	18.2	67	80	83	77
26	24.6	25.6	24.4	24.9	20.2	21.9	23.1	14.9	16.8	19.8	17.2	65	69	87	74
27	25.5	26.6	24.8	25.6	22.7	23.9	22.9	18.2	19.7	19.1	19.0	74	75	81	77
28	32.6	27.2	25.5	28.4	17.2	22.7	22.1	5.1	16.9	17.1	13.0	14	63	70	49
29	25.9	25.5	23.7	25.0	21.4	21.7	20.6	15.6	16.5	15.7	15.9	62	67	71	67
30	23.8	24.8	23.3	24.0	19.2	19.8	19.9	13.5	13.8	14.8	14.0	60	59	69	63
31	23.3	24.4	23.3	23.7	19.3	20.9	21.1	13.8	15.8	16.9	15.5	65	70	79	71
	25.2	26.4	23.7	25.1	20.3	21.5	20.4	14.2	15.7	15.9	15.3	62	60	70	64

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

OCTOBER 1922

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	0	2ne	2n	332.8	v. slight	
2	5ci cu	0	2s	2.3	Inw	Inw	0	204.2	,,	
3	In	4s	10cu n	5.0	0	Iw	0	103.5	calm	
4	I	0	I	0.7	Iw	2	0	145.6	v. slight	
5	9n	2	4	5.0	2w	2	0	152.9	slight	
6	I	0	0	0.3	0	Ine	Ine	227.8	v. slight	
7	0	0	0	0	0	2n	2nw	305.6	,,	
8	9cu n	6cu n	10cu n	8.3	0	2n	0	107.0	,,	
9	10cu n	0	0	3.3	0	I	0	102.2	,,	
10	0	0	2	0.7	I	I	0	195.7	calm	
11	I	0	10n	3.7	Inw	Inw	0	206.8	,,	
12	I	7cu n	8cu n	5.3	Ine	Inw	0	219.2	,,	
13	0	8cu ci	0	2.7	0	I	0	111.5	,,	
14	0	2	0	0.7	0	In	Ine	167.2	,,	
15	6s	2s	0	2.7	2ne	3n	3ne	307.8	slight	
16	9ci	0	0	0.3	2n	2ne	2n	332.5	v. slight	
17	5ci	0	0	1.7	In	In	0	219.0	,,	
18	Ici	0	0	0.3	Iw	0	0	108.5	calm	
19	0	9cu n	In	3.3	I	2	0	145.6	v. slight	
20	0	0	0	0	0	I	0	132.2	calm	
21	8	8cu s	4n	6.7	2	3	4	253.8	slight	
22	9	6	3cu n	6.0	3	2	2	304.5	v. slight	
23	I	0	0	0.3	I	2	0	190.0	,,	
24	0	0	0	0	In	Ine	0	194.4	calm	
25	0	0	0	0	0	Inw	0	290.2	,,	
26	0	0	0	0	In	2n	0	418.4	v. slight	
27	0	0	0	0	0	2ne	Ine	167.3	,,	dew
28	10cu s	9cu n	I	6.7	3e	3n	2	152.9	,,	sirocco
29	I	2	10cu n	4.3	2	3w	0	272.3	,,	
30	I	5	10cu n	5.3	I	Inw	In	412.4	,,	
31	0	0	0	0	0	2n	Ine	159.2	,,	
				24.4				211.1		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	4	2	1	0	0	7	3	2	12
2:30	8	5	0	0	0	10	2	5	1
8:30	3	5	0	0	0	3	0	1	19
Totals	15	12	1	0	0	20	5	8	32

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.